

Serial No. 10/808,428  
Attorney Docket No. 11-238

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification as follows.

Please delete the paragraph from page 9, line 21, through page 10, line 1, of the specification and replace it with the following:

Constant current  $I_a$  is supplied from a constant current source 6 to a connected point of the piezoresistance elements G1 and G3 in the bridging circuit. If the diaphragm 105 is stressed, voltage  $V_{p1}$  at the connected point of the piezoresistance elements ~~G1~~ G2 and G3 becomes

higher and, on the other hand, voltage  $V_{p2}$  at a connected point of ~~the elements G1 G2~~ and G4